

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,197,443 B2  
APPLICATION NO. : 10/697662  
DATED : March 27, 2007  
INVENTOR(S) : Pedro Manrique

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**In the Background of the Invention:**

Column 1, line 50, "to" should be removed.

Column 2, line 29, "a" should be removed.

**In the Summary:**

Column 2, line 67, "design" should be --designed--.

Column 3, line 47, "transducers" should be --transducer--.

**In the Detailed Description:**

Column 5, line 1, after "Fig. 1", the ",", should be removed; and line 5, after "Fig. 1", the ",", should be removed.

Column 5, line 59, "know" should be --known--.

Column 6, line 62, "variable" should be --variables--.

Column 7, line 8, "section" should be --sections--; line 18, "section" should be --sections--.

Column 8, line 47, "them" should be --then--.

Column 10, line 9, "section" should be --sections--.

Column 12, line 16, "and" should be --as--.

Column 13, line 10, after "profile", there should be a --.--.

Column 14, line 25, "minimizes" should be --minimize--; and line 28, "of" should be --to--.

In the Detailed Description (continued):

Column 15, line 58, “design” should be --designed--; line 66, the second occurrence of “change in acoustic resistance” should be removed; and line 67, the second occurrence of “minimum change in acoustic resistance” should be removed.

Column 16, line 26, “Matlab” should be --Matlab®--.

In the Claims:

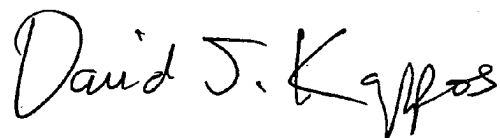
Column 18, Claim 27, line 46, --a-- should be inserted after “are”.

Column 19, Claim 36, line 8, --a-- should be inserted after “are”.

Column 19, Claim 42, line 32, --a-- should be inserted after “are”.

Signed and Sealed this

Twentieth Day of April, 2010

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and a stylized 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*